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1			PLICANT	First Named Inventor	Liu		
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Sheet	1	of	2	Attorney Docket No.	4002-3300		

U.S. PATENT DOCUMENTS								
Exam	niner	Cite No.1	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
770	5	1	4,349,921	09-1982	Kuntz			
(,	2	4,834,757	05-1989	Brantigan			
		3	4,936,848	06-1990	Bagby			
		4	5,015,247	05-1991	Michelson			
		5	5,062,845	11-1991	Kuslich et al.			
		6	5,190,548	03-1993	Davis			
		7	5,250,061	10-1993	Michelson			
		8	5,304,191	04-1994	Gosselin			
		9	5,306,309	04-1994	Wagner et al.			
		10	5,425,772	06-1995	Brantigan			
		11	5,443,514	08-1995	Steffee			
		12	5,445,639	08-1995	Kuslich et al.			
		13	5,458,638	10-1995	Kuslich et al.	·		
		14	5,484,437	01-1996	Michelson			
		15	5,499,984	03-1996	Steiner et al.			
*******		16	5,607,424	03-1997	Tropiano			
		17	5,609,635	03-1997	Michelson			
		18	5,609,636	03-1997	Kohrs et al.	·		
	Π	19	5,669,909	09-1997	Zdeblick et al.			
		20	5,683,463	11-1997	Godefroy et al.			
		21	5,720,749	02-1998	Rupp	·		
\Box		22	5,766,252	06-1998	Henry et al.			
\neg		23	5,782,830	07-1998	Farris			
		24	5,857,995	01-1999	Thomas et al.	·		
		25	5,888,224	03-1999	Beckers et al.			
		26	5,888,227	03-1999	Cottle			
		27	5,893,890	04-1999	Pisharodi			
	/	28	6,080,158	. 06-2000	Lin			
V		29	6,083,225	074-2000	Winslow et al.			
7	13	30	6,159,214	12-2000	Michelson			

¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 If possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Complete if Known Application Number Filed Herewith Substitute for form 1449A/PTO Filing Date INFORMATION DISCLOSURE STATEMENT BY APPLICANT First Named Inventor Liu Group Art Unit (use as many sheets as necessary) **Examiner Name** 2 Sheet 2 Attorney Docket No. 4002-3300

		·	PATENT DOCU	Name of Patentee or	Pages, Columns, Lines, Where	т-
Examiner	Cite No.1	Foreign Patent Document Country Code*-Number*-Kind Code* (If known)	Publication Date MM-DD-YYYY	Application of Cited Document	Relevant Passages or Relevant Figures Appear	1
162	31	EP 0493698B1	07-1992			\top
	32	EP 0637440A1	02-1995			Π
	33	WO 95/08306	03-1995			Γ
	34	EP 0646366A1	04-1995			
	35	FR 9504789A1	03-1996		•	
	36	FR 2724312	03-1996			
	37	FR 9414068A1	05-1996			
	38	FR 2727004	05-1996			Γ
	39	WO 96/27348	09-1996			
	40	FR 9508413A1	01-1997			
	41	FR 2736538	01-1997			Γ
	42	WO 97/06753	02-1997			
	43	FR 2760355A1	03-1997			
	44	FR 2742044	06-1997			Γ
V	45	WO 97/234174	07-1997			
13	46	EP 0834295A1	04-1998			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw fine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the apOpropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Page 1 of 2

ATTY. DOCKET NO.	SERIAL NO.
4002-2167	,09/420,622
APPLICANT Mingyan Lui et al.	
FILING DATE	GROUP
October 19, 1999	3748

U.S. PATENT DOCUMENTS

*EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
INITIAL	5,062,845	11/1991	Kuslich et al.	606	80	
	5,190,548	3/1993	Davis	606	80	
	5,250,061	10/1993	Michelson	606	160	
_	5,306,309	4/1994	Wagner et al.	623	17	
	5,443,514	8/1995	Steffee	623	17	
	5,445,639	8/1995	Kuslich et al.	606	80	
1	5,458,638	10/1995	Kuslich et al.	623	17	
-	5,499,984	3/1996	Steiner et al.	606	80	·
1	5,607,424	3/1997	Tropiano	606	61	
	5,609,635	3/1997	Michelson	623	17	
	5,609,636	3/1997	Kohrs et al.	623	17	
1	. 5,683,463	11/1997	Godefroy et al.	623	17 ·	**
	5,720,749	2/1998	Rupp	606	79	
1	5,766,252	6/1998	Henry et al.	623	17	
	5,857,995	1/1999	Thomas et al.	604	22	
16	5,888,224	3/1999	Beckers et al.	606	60	·
		FOREIGI	N DOCUMENTS			·····
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	
(B)	WO 95/08306	3/1995 F	PCT			·
1	0 646 366 A1	4/1995 I	Europe .		_/_	
	0 637 440 A1	2/1995	Europe	/		
1	95 04789 A1	3/1996	France	/ /	/	
V	94 14068 A1	5/1996 I	France	$\overline{}$		
113	95 08413 A1	1/1997	France			
XAMINER	1. Aun	***	DATE CONSIDE	RED 9/z	ZAS	>

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Page 1 of 2

ATTY. DOCKET NO 4002-2167

SERIAL NO. 09/420,622

APPLICANT Mingyan Liu et al

FILING DATE October 19, 1999 GROUP 3748

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
113	5,015,247	5/1991	Michelson	606	61	
	5,062,845	11/1991	Kuslich et al.	606	80	
-	5,190,548	3/1993	Davis Davis Davis	606	80	
·	5,250,061	10/1993	Michelson	606	160	
	5,306,309	4/1994	Wagner et al.	623	17	
	5,443,514	8/1995	Steffee	623	17	
	5,445,639	8/1995	Kuslich et al.	606	80	
	5,458,638	10/1995	Kuslich et al.	623	17	
	5,484,437	1/1996	Michelson	606	61	
	5,499,984	3/1996	Steiner et al.	606	80	
	5,607,424	4/1997	Tropiano	606	61	
	5,609,635	3/1997	Michelson	623	17	
	5,609,636	3/1997	Kohrs et al.	623	17	
	5,669,909	9/1997	Zdeblick et al.	606	61	,
	5,683,463	11/1997	Godefroy et al.	623	17	
	5,720,749	2/1998	Rupp	606	79	
	5,766,252	6/1998	Henry et al.	623	17	
	5,782,830	7/1998	Farris	606	61	
15	5,857,995	1/1999	Thomas et al.	.604	22	
(15)	5,888,224	3/1999	Beckers et al.	606	60	

EXAMINER .	DATE CONSIDERED
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Page 1 of 2

ATTY. DOCKET NO. 4002-2167	(`ERIAL NO. 	<u> </u>
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Mingyan Liu et al		
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October 19, 1999	3748	

U.S. PATENT DOCUMENTS

'EXAMINER	DOCUMENT NUMBER	DATE	I NAME	CLASS	SUB CLASS	FILING DATE
(13)	5,888,227	3/1999	Cottle	623	17	
(18)	5,893,890	4/1999	Pisharodi	623	17	
(Se	6,080,158	6/2000	Lin	606	61	-

FOREIGN DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA YES	NO
(1/5	2736538	1/1997	France			X	
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INFORMATION DISCLOSURE	ATTY. DOCKET NO. 4002-2167	SERIAL NO. 09/420,622
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Page 2 of 2	FILING DATE October 19, 1999	GROUP 3748

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION NO
100	WO96/27348	9/1996	PCT		/ /	
)	WO95/08306	3/1995	PCT		/	
i	0493698 B1	7/1992	Europe			
	0637440A1	2/1995	Europe			
	0646366A1	4/1995	Europe			
	2724312	3/1996	France		<i>[]</i>	
	2727004	5/1996	France	17		
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*EXAMINER	DOCUMENT: NUMBER	DΑ	TE	NAME		CLA	SS	SUB CLASS	FILING D	ATE
10	4,936,848	6/19	90	Bagby		623		17		
	5,304,191	4/19	94	Gosselin		606		172		
Val	5,425,772	6/1,9	95	Brantigan		623		17		
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	DOCUMENT NUMBER	DA	TE .	COUNTRY	CLA	ss	SUI	BCLASS	TRANSLAT YES	NO
(13)	WO 97/234174	7/	1997	WIPO					X Abstract or	ıly
1/2	0 834 295 A1	4/1	998	European Pat. Off.						X
113	2 724 044	6/1	997	France						X
	OTHER DOCU	MENT	'S (Ind	cludina Author, Title, D	ate. Per	tinen	t Pa	aes. Etc.)	
	OTHER DOCU	MENT	'S (Ind	cluding Author, Title, D	ate, Pei	tinen	it Pa	ges, Etc.)	
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Page 1 of 1

ATTY, DOCKET NO. (BERIAL NO
1002-2167	09/420,622

APPLICANT

Mingyan Liu et al FILING DATE

Examiner Barrett GROUP 3738

October 19, 1999
U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
107		4,349,921	09/21/82	Kuntz	3	1	_
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		Page 1 of	1		Filing Date	(a)	Group			
		_	•		October 19, 1	999	3738			
				us	PATENT DOCU	MENTS				
*Examiner		DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	Filing Date	
13	1	6,083,225	07/04/00	Wins	low et al.		606	61		
11/2	2	6,159,214	12/12/00	Mich	elson		606	80		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/420,622				
Filing Date	October 19, 1999				
First Named Inventor	Mingyan LIU				
Group Art Unit	3748				
Examiner Name	Barrett				
Attorney Docket Number	4002-2167				

***********	U.S. PATENT DOCUMENTS											
Examiner	Cite	U.S. Patent D	ocument Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						
Initials*	Na.'	Number	(4 44444)	of Cited Document	MM-DO-YYYY	Relevant Figures Appear						
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Office?	Foreign Patent Docur Number	ment Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Oate of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or	
Office ³	Number				Helevant Passages or	
	1			MM-DD-YYYY	Relevant Figures Appear	T°.
	EP 0 834 295		Medinov-AMP	04/08/1998		↓_
	FR 2742044		Medinov SA Societe	06/13/1997		┦
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^{*}Unique citation designation number. *See attached Kinds of U.S. Patent documents. *Enter Office that issued the document, by the two-letter code (WIPO) Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached. *In-house version of PTO/SB/08A (10-96).

Application/Control No. Applicant(s)/Pat nt Under Re xamination 09/420,622 LIU ET AL. Notice of References Cited Examiner Art Unit Page 1 of 1 3738 Thomas C. Barrett **U.S. PATENT DOCUMENTS Document Number** Date Classification Name Country Code-Number-Kind Code MM-YYYY US-В US-C US-٥ US-Ε US-F US-G US-Н US-US-1 US-Κ US-L US-US-FOREIGN PATENT DOCUMENTS Document Number Date Classification Country Name Country Code-Number-Kind Code MM-YYYY A61F 2/44 02-1997 DE Zientek N WO 97/06753 0 P Q. R s T NON-PATENT DOCUMENTS Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U ٧ w

"A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Petent and Trademark Office PTO-892 (Rev. 01-2001)

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Notice of References Cited

Part of Paper No. 22

9/22/05

Notice of References Cited

Application/Control No.

O9/420,622

Examiner

Art Unit

Thomas C. Barrett

Applicant(s)/Patent Under
Reexamination
LIU ET AL.

Page 1 of 1

U.S. PATENT DOCUMENTS

	7	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	. Classification
17	7 _A	US-4,834,757	05-1989	Brantigan ·	623 17
	В	US-			·
	С	US-			
	D	US-			·
	ε	US-			
	F	US-			
	G	US-			
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Notice of References Cited

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